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## METEOROLOGICAL JOURNALS.

CAMBRIDGE, BY PROFESSOR FARRAR.

OCTOBER, 1815.

Day.	Barometer.			Thermometer.			Face of Sky.		Winds.	
	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	9 P. M.	7 A. M.	9 P. M.
1	30.02	29.90	29.92	52	76	59	Fair	Fair	N.W.1	W.
2	30.12	30.15	30.24	53	56	43	Clo.	Fair	N.E.2	W.
3	30.32	30.30	30.31	37	62	43	Fair	Fair	N.	W.
4	30.32	30.30	30.27	37	63	47	Fair	Fair	S.E.	E.
5	30.21	30.09	30.01	45	75	60	Fair	Clo.	E.	S.
6	29.96	00.10	30.16	57	63	50	Clo.	Fair	S.	W.1
7	30.35		30.30	48	58	53	Clo.	Clo.	N.E.2	E.1
8	30.11	29.90	29.84	55	62	59	Clo.	Clo.	E.	E.
9	29.78	29.77	29.90	56	68	50	Clo.	Clo.	E.	W.1
10	30.01	29.95	29.83	42	66	55	Fair	Clo.	W.1	S.W.
11	29.95	29.99	30.00	47	65	55	Clo.	Fair	W.1	W.
12	30.00	29.98	30.15	51	71	48	Fair	Fair	W.	W.1
13	30.27	30.28		42	66	44	Fair	Fair	W.	W.
14	30.33	30.34	30.26	39	65	51	Clo.	Clo.	W.	E.1
15	30.20	30.20	30.17	43	53	34	Clo.	Fair	E.	N.E.
16	30.25	30.33	30.18	37	53	44	Fair	Clo.	N.E.	E.
17	30.21	30.16	30.13	41	61	52	Clo.	Clo.	E.	E.
18	30.14	30.17	30.22	49	55	49	Clo.	Clo.	N.E.	E.
19	30.30	30.32	30.33	44	45	38	Clo.	Fair	N.E.2	N.E.1
20	30.34	30.34	30.32	34	57	40	Fair	Clo.	W.	E.
21	30.29	30.31	30.31	38	59	43	Clo.	Clo.	E.	E.
22	30.22	30.11	30.05	47	67	50	Clo.	Fair	E.	W.
23	30.07	30.00	29.97	39	54	35	Fair	Fair	W.1	N.W.1
24	29.78	29.56	29.56	39		38	Clo.	Clo.	N.W.	N.W.1
25	29.71	29.82	29.98	38	45	38	Clo.	Clo.	N.W.2	N.W.2
26	30.00	29.81	29.46	27	45	43	Clo.	Clo.	W.	E.
27	29.41	29.42	29.60	45	48	33	Clo.	Clo.	W.3	N.W.2
28	29.76	29.87	30.07	27		27	Clo.	Fair	W.2	W.
29	30.26	30.22	30.21	26	47	37	Fair	Clo.	W.	W.
30	30.11	30.00	30.24	38	53	27	Clo.	Clo.	S.	N.W.2
31	30.38	30.42	30.41	23	46	35	Fair	Fair	N.W.	W.
	30.38	30.42	30.41	57	76	60	Greatest.			
	30.103	30.073	30.060	41.8	57.8	44.7	Mean.			
	29.41	29.42	29.46	23	45	27	Least.			

Rain on the 6th, 7th and 8th, 48 in.—on the 10th and 11th, 56—on the 22d and 24th, 13. Total, 1.17.

## NOVEMBER, 1815.

Day.	Barometer.			Thermometer.			Face of Sky.		Winds.	
	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	9 P. M.	7 A. M.	9 P. M.
1	30.37	30.37	30.38	38	57	33	Clo.	Fair	S.W.	W.
2	30.34	30.19	30.12	32	63	47	Fair	Clo.	W.	S.E.
3	30.12	30.24	30.30	54	49	47	Clo.	Clo.	W.	E.
4	30.41	30.42	30.44	45		48	Clo.	Clo.	N.E.	N.E.
5	30.38	30.23	30.15	47	58	53	Clo.	Clo.	S.W.	S.W.
6	30.05	29.39	29.72	52	63	59	Clo.	Clo.	S.W.	S.1
7	29.82	29.95	30.40	49	53	29	Clo.	Clo.	N.W.2	N.W.
8	30.71	30.72	30.72	21	44	28	Fair	Fair	N.W.	W.
9	30.60	30.35	30.05	35	55	58	Clo.	Clo.	S.W.1	W.
10	29.96	30.04	30.15	55	62	41	Clo.	Clo.	S.W.1	W.
11	30.25	30.25	30.37	32	40	28	Clo.	Fair	N.W.	W.
12	30.51	30.51	30.52	21	37	23	Fair	Fair	N.1	N.E.
13	30.54	30.49	30.49	24	42	23	Clo.	Fair	N.2	N.
14	30.51	30.42	30.41	23	48	28	Fair	Fair	S.W.	W.
15	30.41	30.36	30.33	25	53	29	Fair	Clo.	S.W.	W.
16	30.24	30.09	30.03	33		42	Clo.		N.E.	N.E.1
17	29.95	29.96	30.24	35	38	33	Clo.	Clo.	N.	W.
18	30.48	30.49	30.44	33	43	38	Fair	Clo.	N.W.	E.
19	30.38	30.18	30.10	42	42	37	Clo.	Clo.	E.	N.W.1
20	30.17	30.18	30.20	32	49	34	Fair	Clo.	N.	E.
21	30.20	30.19	30.17	40	52	40	Clo.	Fair	S.W.	W.
22	30.13	29.98	29.83	47	59	57	Clo.	Clo.	S.W.	W.
23	29.98	30.03	30.23	43	53	34	Clo.	Fair	W.	W.
24	30.39	30.40	30.28	30	44	35	Fair	Clo.	W.	W.
25	30.13	30.15	30.22	33	47	30	Clo.	Fair	S.W.	W.
26	30.47	30.46	30.52	25	43	25	Fair	Fair	W.	W.
27	30.61	30.61	30.56	22	44	37	Fair	Clo.	N.W.	E.
28	30.49	30.44	30.26	36	44	40	Clo.	Clo.	E.	E.
29	30.11	29.97	29.79	36	45	43	Clo.	Clo.	N.W.	N.W.
30	29.67	29.76	29.84	47	55	28	Clo.		S.	N.W.2
	30.71	30.72	30.72	55	63	59	Greatest.			
	30.279	30.241	30.244	36.3	43.8	37.6	Mean.			
	29.67	29.70	29.72	21	37	23	Least.			

Rain on the 3d and 4th, .28 in—on the 9th, .18—on the 16th and 17th, .82—on the 19th, .79—a little on the 27th and 28th. Total, 2.07.

## BRUNSWICK, BOWDOIN COLLEGE.

BY PROFESSOR CLEVELAND.

OCTOBER, 1815.

Thermometer.					Barometer.			Winds.		Weather.		
7	30 A. M.	1 P. M.	15 minutes after sunset.	Maximum or cold.	Maximum of heat.	7	30 A. M.	1 P. M.	15 minutes after sunset.	7	30 A. M.	15 minutes after sunset.
1												
2												
3												
4												
5	33	68	42	34	69	29.94	29.88	29.80	S.W.	S.	Fog.	Cloudy.
6	57	58.5	57	40	64	29.70	29.72	29.33	W.	N.W.	Fair.	Fair.
7	42.5	54	48.5	37.5	58.5	30.13	30.18	30.13	N.W.	S.E.	Fair.	Cloudy.
8	51	59	55	46	61	29.93	29.85	29.70	S.E.	S.E.	Rain.	Rain.
9	55.5	66	44	44	68.5	29.54	29.53	29.60	S.	N.W.	Fog.	Fair.
10	42	57	52	35.2	62.5	29.74	29.71	29.70	W.	S.	Fair.	Fair.
11	52.5	63	58	49.5	64.5	29.68	29.70	29.77	W.	S.W.	Rain.	Fair.
12	51	68	59.5	45	69.5	29.66	29.66	29.80	S.W.	N.W.	Fair.	Fair.
13	45	60	49	34	61	30.02	30.00	30.04	N.W.	N.W.	Fair.	Fair.
14	43.5	55.5	50	38	58	30.16	30.12	30.09	W.	S.W.	Cloudy.	Cloudy.
15	39	48	45	38	49.5	30.02	29.98	29.96	N.E.	N.W.	Rain.	Fair.
16	34	46.7	45	27	47	30.05	30.02	29.98	N.E.	S.	Fair.	Cloudy.
17	46.5	58.5	51	41.5	60	29.92	29.93	29.94	W.	S.	Fair.	Fair.
18	49.5	51	48	45	51.5	30.02	30.03	30.03	N.E.	N.E.	Cloudy.	Cloudy.
19	41	50.5	48	35.5	53	30.13	30.10	30.10	N.E.	N.E.	Fair.	Fair.
20	38.5	54	47	29	55	30.11	30.08	30.08	N.E.	S.	Fair.	Fair.
21	42.5	54	49.5	33.5	57	30.10	30.08	30.05	N.E.	S.	Cloudy.	Cloudy.
22	44.5	58	43	41	59	29.94	29.85	29.75	S.W.	S.W.	Fair.	Fair.
23	39.5	50	43	36	54	29.82	29.76	29.73	N.W.	N.W.	Fair.	Fair.
24	37	44	42	29	47.5	29.45	29.32	29.30	S.W.	N.W.	Cloudy.	Cloudy.
25	41.5	48	42	36.5	49	29.50	29.56	29.58	N.W.	N.W.	Cloudy.	Cloudy.
26	34	45	40	29	45.5	29.67	29.56	29.48	N.W.	W.	Fair.	Cloudy.
27	33	45	42	34.5	46	29.05	29.00	29.06	S.W.	N.W.	Rain.	Cloudy.
28	23	34.5	31.5	25.7	36	29.42	29.50	29.56	N.W.	N.W.	Fair.	Cloudy.
29	28	40.5	39	26	41	29.90	29.92	29.91	N.W.	N.W.	Fair.	Fair.
30	41	45	42	23.5	45.5	29.84	29.74	29.78	S.W.	N.W.	Rain.	Cloudy.
31	4	39.5	34	19.7	41.5	30.09	30.06	30.10	N.W.	N.W.	Fair.	Fair.
57	68	59.5	54	69.5	30.18	30.18	30.13	Greatest.				
41.5	52.6	46.4	35.51	54.6	29.33	29.31	29.31	Mean.				
24	34.5	31.5	19.7	36	29.05	29.00	29.06	Least.				

Mean temperature deduced from three observations each day 46.86°  
ditto maxima of heat and cold 45.06

Mean height of barometer - - 29.816 in.

Greatest monthly range of ditto. - 1.18

Rain - - - - 1.22

## NOVEMBER, 1815.

Thermometer.					Barometer.			Winds.		Weather.	
7 30 A. M.	1 P. M.	15 minutes after sunset.	Maximum of cold.	Maximum of heat.	7 30 A. M.	1 P. M.	15 minutes after sunset.	7 30 A. M.	15 minutes after sunset.	7 30 A. M.	15 minutes after sunset.
1 32	43	43	25	49	30.12	30.13	30.15	N.E.	S.W.	Fair.	Fair.
2 36	53.7	47.5	26.5	54.5	30.00	29.88	29.82	S.W.	S.W.	Fair.	Fair.
3 47	46	42.5	42.5	47	29.98	30.04	30.08	N.E.	N.E.	Cloudy.	Cloudy.
4 33.5	43.5	44	36	50	30.22	30.21	30.18	N.E.	S.E.	Cloudy.	Cloudy.
5 47.5	54	50	42.5	56	30.07	30.01	29.95	S.W.	S.W.	Cloudy.	Cloudy.
6 50	55	43	43	56	29.74	29.60	29.57	S.W.	S.	Cloudy.	Cloudy.
7 46	49	33	38	50	29.58	29.65	29.83	N.W.	N.W.	Cloudy.	Fair.
8 22	34	31.5	15.2	35	30.38	30.40	30.42	N.W.	S.W.	Fair.	Fair.
9 37	35.5	43.5	30.5	48	30.26	30.15	30.04	S.W.	S.	Cloudy.	Rain.
10 52	51.5	54	46	63	29.66	29.70	29.78	S.W.	N.W.	Cloudy.	Fair.
11 37	36.5	33	26.5	37	30.00	30.02	30.05	N.	N.W.	Fair.	Fair.
12 17	30	26.5	13	30.5	30.24	30.26	30.27	N.W.	N.E.	Fair.	Fair.
13 18	31	26.5	12.5	31	30.28	30.22	30.22	N.	N.	Fair.	Fair.
14 13	39.5	34.5	11	40	30.13	30.11	30.11	W.	S.W.	Fair.	Fair.
15 21	45	38	13.5	46	30.07	30.05	30.07	S.W.	S.W.	Fair.	Fair.
16 26	33.5	33.5	21	39	30.11	30.09	30.04	N.E.	N.E.	Cloudy.	Snow.
17 33.5	46	40	32.5	46	29.70	29.66	29.74	N.	N.W.	Cloudy.	Fair.
18 26	40	36.5	23	41	30.20	30.22	30.24	N.W.	S.W.	Fair.	Cloudy.
19 35	41	36.7	34	41	30.15	30.03	30.02	N.E.	N.E.	Cloudy.	Rain.
20 35.5	43	40.5	33.7	43	29.91	29.92	29.97	N.	N.	Fair.	Cloudy.
21 33	44	43	33.7	45	29.94	29.91	29.87	S.W.	S.W.	Cloudy.	Cloudy.
22 35	46	45.5	31	47	29.85	29.79	29.64	W.	S.E.	Fog.	Mist.
23 42	51	44	41	52	29.70	29.75	29.92	N.W.	N.W.	Fair.	Fair.
24 25	40	37	22	40.5	30.11	30.12	30.00	N.W.	S.W.	Fair.	Cloudy.
25 37	44	39	30	45	29.81	29.82	29.90	N.W.	N.W.	Cloudy.	Fair.
26 20.5	38	33.5	19.5	38.5	30.15	30.19	29.24	N.W.	N.W.	Fair.	Fair.
27 21	32.5	31.5	18	33	30.40	30.37	30.39	N.W.	S.E.	Fair.	Cloudy.
28 33	42	36.5	30	43	30.26	30.20	30.12	E.	S.E.	Cloudy.	Cloudy.
29 36	46	42	34.5	47	29.35	29.71	29.60	N.	N.	Mist.	Fog.
30 42	47	45.5	41	48	29.44	29.20	29.22	S.E.	N.W.	Rain.	Cloudy.
52	51.5	54	46	53	30.40	30.40	30.42	Greatest.			
33.5	13.9	39.4	29.1	44.7	30.01	29.48	29.94	Mean.			
17	30	26.5	11	30.5	29.44	29.20	29.22	Least.			

Mean temperature deduced from three observations each day 38.92°

ditto maxima of heat and cold 36.89

Mean height of barometer - - - 29.976 in.

Greatest monthly range of ditto. - - - 1.22

Rain and snow reduced to water - - - 1.67